Recombinant PBIR3 protein (His tag)

Catalog Number	548730
Species	Human
Expression System	E. coli
Accession	Q6P4D5
Molecular Weight	Predictes a molecular mass of 16.15 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	73-195
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 73-195 aa (Q6P4D5) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human PABIR family member 1 (PABIR3) fragment (residues 73-195) is a high-purity, soluble protein designed for structural and biochemical studies. This 123-amino acid fragment was computationally optimized for stability and solubility, enabling reliable investigation of protein properties in vitro. PABIR family member 1 (encoded by gene PABIR3) is a human protein with UniProt accession Q6P4D5. While specific functional details and subcellular localization information for the full-length protein are not fully characterized in the provided data, this recombinant fragment represents a stable, soluble unit selected through structural prediction methods to facilitate research into its potential roles and interactions.